

In the Specification:

1. Please add the following new section after line 14 on page 4 and before the section “Detailed description of the invention” that begins on line 15 of page 4:

Brief Description of the Drawings

The following drawing is included for illustrative purposes and is not drawn to scale.

Figure 1 is a partial cross-sectional view of a liner positioned against an inner wall of a reactor, in combination with a block diagram representation of a network of pipes and a pressure regulating device, in accordance with an embodiment of the invention.

2. Please replace the paragraph on lines 18-20 of page 2 with the following:

1. [[A]] As shown in Figure 1, a reinforced fluoropolymer plate 10 comprising a layer 14 of fluoropolymer on one of its faces, and a sheet 12 of carbon fibers on the other face, at least part of the sheet of carbon fibers being impregnated with fluoropolymer, as seen in layer 13.

3. Please replace the paragraph on lines 21-23 of page 2 with the following:

2. The plate according to point 1, in which the polymer-impregnated thickness t_2 represents at least 10% of the thickness t_1 of the sheet of carbon fibers, preferably 10% to 90%, advantageously 30 to 70%.

4. Please replace the paragraph on lines 33-34 of page 2 with the following:

5. The plate according to one of points 1 to 4, of which the total thickness t lies between 1 and 20 mm, preferably 2 to 5 mm.

5. Please replace the paragraph on lines 25-27 of page 6 with the following:

This space created by the porous layer also makes it possible for the gas to circulate to the orifices 21 drilled in the metal wall 20 of the reactor, when such orifices are present.

6. Please replace the paragraph on lines 28-32 of page 6 with the following:

As seen in Figure 1 these, These orifices 21 are connected to a network of pipes 35 for regulating, where necessary, the pressure existing in this space and for always maintaining it less than that existing in the reactor. The liner is thus always held strongly pressed against the wall of the reactor under the effect of pressure without the use of adhesives which do not withstand the diffusion of HF. It is moreover easier to dismantle.

7. Please replace the paragraph on lines 33-36 of page 6 with the following:

To this end, the reactor may include a device 30 for maintaining the pressure lower than the pressure of the reactor in the space included between the inner metal wall of the reactor and the outer wall of the FP of the liner reinforced with carbon fibers.